

**COURSE TITLE:** Earth Science CP

Level of Difficulty	Estimated Homework	Prerequisites
Moderate	0-30 Minutes	<b>District:</b> None; this is the 9 <sup>th</sup> Grade College Prep Science Course  <b>Department Suggestion:</b> None; this is the 9 <sup>th</sup> Grade College Prep Science Course

**Course Description:**

Earth Science at NPHS builds upon the content previously learned in middle school. This course is a laboratory class that will take an in-depth look at the natural world and its processes using NGSS based curriculum which includes more science and engineering practices. Topics discussed in Earth Science include: Our place in the Universe, Earth's structure, Plate Tectonics, Earthquakes Volcanoes and Mountains, Atmosphere and Wind, as well as Climate and Weather. A basic understanding of the planet that we inhabit is important since the issues facing Earth today have an impact in every home across the globe.

This class is designed to prepare students continuing science education here at NPHS and beyond. This class is generally followed by Biology CP and many of the topics discussed in Earth Science become relevant again in Biology. There will be a focus on the collection, processing, and analysis of data, as well as the general scientific method. Students will not only learn information about Earth and its place in the Universe, but more importantly about the tools and techniques that humans have available to make sense of the world around us.

There will be nightly homework that is generally minimal with a few major projects spread throughout the course. Hands on labs and activities will be included whenever possible.

**Grading:**

Assessments and labs are weighted more heavily than homework. Individual teachers may make modifications on the weight of assignments.

**Syllabus:**

To be provided by teacher

**Supplemental Information:**

This class is for any college prep level student who is not pursuing the honors/AP/IB pathway in science at this time.